

FILE

REILLY TAR & CHEMICAL CORPORATION

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January 11, 1988

EPA Region 5 Records Ctr.



393304

Mr. Kenneth W. Liss
Compliance Monitoring Section
Division of Land Pollution Control
Illinois Environmental Protection Agency
2200 Churchill Road
Springfield, Illinois 62706

RE: 1109040000 - MADISON COUNTY
GRANITE CITY/REILLY TAR & CHEMICAL CORPORATION
ILD006278360

Subpart F

Dear Kenr.:

I just wanted to bring you up to date on the status of our groundwater activities at the Granite City plant.

We completed the installation of seven source control wells (SCW) and nine new monitoring wells on December 23, 1987. Two ERT geologists supervised two different drilling firms (Layne Western and Geotechnology) in order to complete the work before severe weather set in (but we didn't quite make it). The wells were installed per the specifications given in Sections 6.4 and 7.1 of ERT's Phase 2 Groundwater Management Plan. (The exception being that the source control well stickups were limited to 1.5 feet; my letter to you of December 15 was in error on this point). Copies of the boring and well logs will be provided in the fourth quarter groundwater assessment report, which you should see by the end of the month.

Our general contractor completed his concrete, piping, housing and electrical work late last week. This week we will collect the January groundwater samples as described in Section 7.3 of ERT's Phase 2 report, together with selected samples for analysis of K035 constituents per Section 10 of our revised closure plan for the surface impoundment (see Table 10-1 therein). We will also measure water levels in all of the monitoring wells during this time. After all samples and water levels are taken, we will test the SCW pumps and set their rates at 4.5 gpm. Barring unforeseen difficulties (including more nasty weather), we will start up the SCW system on January 18 and begin a program of routine water level measurements to track the system's performance. The scheduled water level measurement program is given in Table 1 (attached).

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These measurement data will be reported in our quarterly assessment reports, as stated in Section 10 of our revised closure plan. Note that this overall monitoring and start-up schedule will give us a final picture of groundwater quality and flow patterns just before start-up of the SCW system.

Larry Pirtle's staff, our in-house engineering staff and our subcontractors have been working hard during the last month to get the SCW system installed promptly, following the procedures described in ERT's Phase 2 Groundwater Management Plan. We look forward to successful operation of this system for correcting the groundwater contamination at the Granite City facility. I trust that our construction efforts to date and plans for start-up and monitoring are satisfactory.

Please let me know if you have any questions or concerns on the items described above.

Very truly yours,

REILLY TAR & CHEMICAL CORPORATION

John C. Craun/lc

John C. Craun
Senior Engineer,
Corporate Environmental Affairs

JCC:lt

cc: M. A. Haney (ERT)
R. J. Kriner (RTCC)
L. L. Pirtle (RTCC)
C. W. Prentice (RTCC)
C. Reeter (IEPA)
P. M. Rivers (RTCC)
T. Rowe (IEPA)

Attachment:

TABLE 1

WATER LEVEL MEASUREMENT SCHEDULE

<u>WELLS</u>	<u>WEEK OF JAN. 18</u>	<u>WEEK OF JAN. 25</u>	<u>WEEK OF FEB. 1</u>	<u>WEEK OF FEB. 8</u>	<u>SUCCEEDING WEEKS</u>
1-5	W	W	W	W	W
7R	D	T	T	T	W
8-S & D	T	T	T	W	W
9-S, D & 5	D	T	T	T	W
10-A, B, C, S, D & 5	T	T	T	W	W
11-S & D	W	W	W	W	W
12-S & D	D	T	T	T	W
13-2 & 3	W	W	W	W	W
14-1, 2 & 3	T	T	T	W	W
15 & 16	D	T	T	T	W
17-1, 2 & 5	D	T	T	T	W
18-1 & 2	D	T	T	T	W
19-1 & 2	T	T	T	W	W
20-21	T	T	T	W	W
22	D	T	T	T	W
23 & 24	T	T	T	W	W
25-27	D	T	T	T	W
PW 1 & 2	T	T	T	W	W
SCW 1-7	D	T	T	T	W
TW7	T	T	T	W	W
TW9	D	T	T	T	W

NOTES:

D = Daily

T = Twice weekly (Mon. & Thurs. or Tues. & Fri.)

W = Weekly (same day each week as much as possible)